

2020 AWWA Water Audit Level 1 Validation

Water System Name: CITY OF SAN FERNANDO

Water System ID Number: CA1910143

Water Audit Period: 2020

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding 3 years to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

COMPLETE A WRITTEN POLICY FOR 15 YEAR WATER METER REPLACEMENT PLAN.

GIS MAPPING FOR LENGTH OF WATER MAINS.

COMPLETE RESERVOIR 4A TANK REPLACEMENT.

ANNUAL WELL FLOW METER CALIBRATION.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

ALEJANDRO MENDEZ

WATER SUPERINTENDENT

ALEX M.

9-28-21

Utility Provided

Executive Name (Print)

Executive Position

Signature

Date

2020 AWWA Water Audit Level 1 Validation - Review Document

Audit Information:

Utility: San Fernando PWS ID: CA1910143
System Type: Potable Audit Period: Calendar 2020
Utility Representation: Sandra Soto (Finance), Alex Mendez, Matthew Baumgardner
Validation Date: 8/5/2021 Call Time: 10:00am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 51 Data Validity Band (Level): Band III (51-70)
ILI: 1.84 Real Loss: 29.13 (gal/conn/day) Apparent Loss: 11.21 (gal/conn/day)
Non-revenue water as percent of cost of operating system: 4.1%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Larry Lewison, Will Jernigan

Validator Qualifications: Certified Water Audit Validator (CA)

Validator Provided